

Message

From: Seth Lyman [seth.lyman@usu.edu]
Sent: 10/5/2018 5:15:37 PM
To: kschwartz@blm.gov; Kenczka, Gerald E [jkenczka@blm.gov]; gtorres@blm.gov; evernon@blm.gov; Beeler, Cindy [Beeler.Cindy@epa.gov]; minnieg@utetribes.com; Sheila Vance [svance@utah.gov]; woswald@utah.gov; dmcneill@utah.gov; Lexie Wilson [lexiewilson@utah.gov]; mariek@utetribes.com; Huy Tran [huy.tran@usu.edu]; Marc Mansfield [marc.mansfield@usu.edu]; Trang Tran [trang.tran@usu.edu]; miken@utetribes.com
Subject: IR survey report--Draft 2
Attachments: IRSurveyReport2018.docx; IRSurveyReport2018.pdf

All:

I've attached the IR survey report with changes suggested by the committee incorporated. Changes include:

- I've added a table that summarizes the structure of the different surveys conducted in 2018, as well as the Lyon et al. and STEPP surveys.
- I've standardized the name of each survey throughout the text (e.g., winter ground survey, spring ground survey, etc.).
- I standardized the language used to describe the camera by changing it to "optical gas imaging" camera throughout.
- I've fixed some problems with the reference list.
- I've made a number of wording changes to clarify things in response to detailed comments provided by Erik and Cindy.
- I noticed that we used the word "leak" more often in the text than I thought. In most cases the use wasn't appropriate, I don't think. I left it when it talks about LDAR, since leak is the L in LDAR. Also, in one instance I left it where it talks about tanks with controls: "Tanks with emissions controls often leak, leading to detectable emission plumes." If you all want, I can change that sentence to "Tanks with emissions controls often still have emissions, leading to detectable emission plumes." To me, it says the same thing.
- I uploaded final datasets for the aerial and ground surveys. I'm not super comfortable with these because if I take out all identifying information, then there is nothing useful in the datasets, at least for wells at which we did not detect emissions. But if I leave things in, it may not be 100% anonymous. I tried to strike that balance, but I'd be glad to hear feedback about that from all of you.

Thanks.

Seth

From: Seth Lyman
Sent: Saturday, September 08, 2018 5:19 PM
To: kschwartz@blm.gov; jkenczka@blm.gov; gtorres@blm.gov; evernon@blm.gov; Beeler, Cindy <Beeler.Cindy@epa.gov>; minnieg@utetribes.com; Sheila Vance <svance@utah.gov>; woswald@utah.gov; dmcneill@utah.gov; lexiewilson@utah.gov; mariek@utetribes.com; Huy Tran <huy.tran@usu.edu>; Marc Mansfield <marc.mansfield@usu.edu>; Trang Tran <trang.tran@usu.edu>
Subject: Just what you've been waiting for!

Attached is our draft report for the IR survey. We welcome your comments and suggestions.

Thanks.

Seth

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